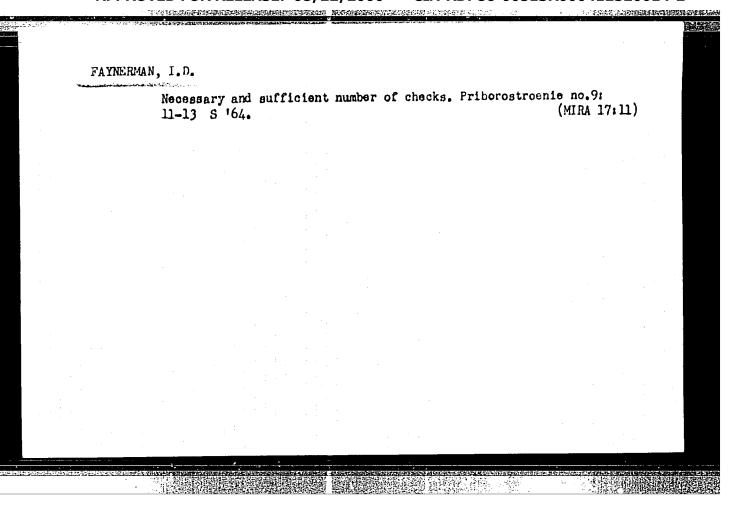


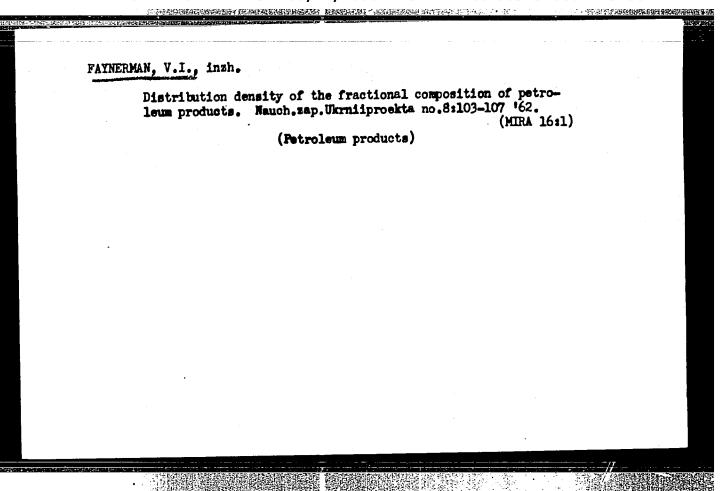
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BOGACHIK, L.I.; ZATULOVSKIY, B.G.; MEL'NIK, Ya.I.; BOGACHIK, A.A.; FAYNERMAN, N.M.

Parcxysmal rickettsiosis in Vinnitsa Province. Zhur.mikrobiol., epid. i immun. 41 no.5:61-63 My \*64. (MIRA 18:2)

l. Vinn'skaya oblastnaya sanitarno-epidemiologicheskaya stantsiya i Kiyevskiy institut epidemiologii i mikrobiologii.



DAVIDOV, R.B., doktor tekhn. nauk, prof.; FAYNGAR, B.I.; GUL'KO, L.Ye., kand. sel'skokhoz. nauk

Enrichment of whey with protein and vitamins. Izv. TSKHA no.5; 166-171 '63. (MTRA 17:7)

#### FAYIGAR, V.

After the transition to business accounting. Fin. SSSR 21 no.9:55-57 S 160. (MIRA 13:9)

1. Zamestitel' nachal'nika otdela Ministerstva finansov AzerSSR.

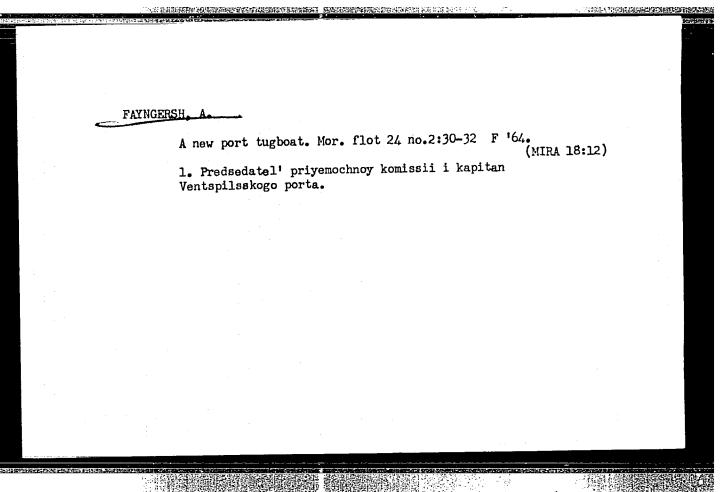
(Azerbaijan—Architecture—Designs and plans)

(Azerbaijan—Construction industry—Finance)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

Transportation of flour in folding containers. Muk.-elev. prom. 23 no.10:22-23 0 '57. (MIRA 11:1)

1. Promzernoproyekt. (Flour--Transportation)



NESHEYANOV, D.V.; KOCHAR YANTS, S.B.; FAYNGERSH, L.A.

Reflection of the structure of the Mesocoic sediments in the northwestern Caspian Sea region on the paleogeologic map of a Pre-Pliocene surface. Neftegaz. geol. i geofiz. no.6:30-35 '63. (MIRA 17:10)

1. Nauchno-issledovatel skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti.

GUSEVA, A.N.; FAYNGERSH, L.A.

Possible causes of the change of the hydrocarbon composition of petroleum light fractions based on the study of petroleums from carboniferous pools in the Sokso-Sheshminskaya oil and gas-bearing zone. Neftegaz. geol. i geof. no.5:30-33 '65. (MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet i Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti Gosudarstvennogo geologicheckogo komiteta SSSR.

THE REPORT OF SEPTEMBERS AND ADDRESS OF THE PROPERTY OF THE PR

GRACHEVSKIY, M.M.; GUSEVA, A.N.; FAYNGERSH, L.A.

Causes responsible for the changes in the composition of oils from the terrigenous oil— and gas-bearing complexes of the Volga-Ural region. Isv. AN SSSR. Ser. geol. 30 no.8:76-84 Ag '65. (MIRA 18:9)

1. Moskovakiy gosudarstvennyy universitet imeni Lomonosova i Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyez otsenki perspektiv neftegazonosnosti Gosudarstvennogo geologicheskogo komiteta SSSR, Moskva.

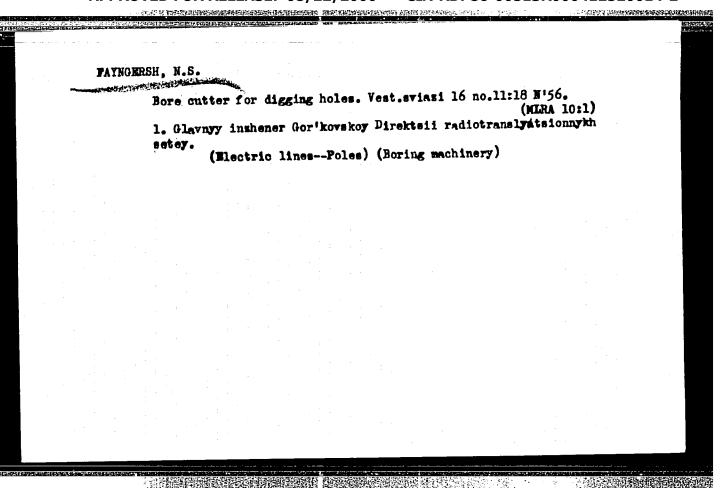
APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

#### FAYNGERSH, N.

Hail to the initiative of scientific workers. Radio no.4:16 Ap 154. (MLRA 7:4)

1. Glavnyy inzhener Gor'kovskoy oblastnoy direktsii radiotranslyatsionnoy seti. (Radio--Bibliography)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"



FAYN GERSH, N. S.

6(4);28(1)

PHASE I BOOK EXPLOITATION

sov/3296

Kokurin, Ivan Ivanovich, and Naum Samoylovich Fayngersh

Avtomatizatsiya upravleniya radiouzlami (Automation of Rediffusion Stations)
Moscow, Svyaz'izdat, 1958. 53 p. (Series: Opyt peredovykh svyazistov)
9,500 copies printed.

Resp. Ed.: I. P. Bushin; Ed.: L. I. Vengrenyuk; Tech. Ed.: K. G. Markoch.

PURPOSE: The booklet is intended for specialists in rediffusion broadcasting.

COVERAGE: The authors, both specialists in the automation of repeater stations in rediffusion broadcasting, describe in detail the methods used in converting amplifying systems to remote-controlled operation in the town of Gor'kiy. They describe experience gained in operating the equipment, in checking its performance and in telemetering and remote monitoring of conditions in transperformance and in telemetering and remote monitoring of conditions in transmission lines. They also list the advantages in economy resulting from the automation of rediffusion stations and substations. The authors conclude that experience gained in the automation of the broadcasting network in the town of Gor'kiy can be used in other cities. The following persons participated

Card 1/4

# Automation of Rediffusion Stations

SOV/3296

in the work: I. Y. Gor, V. M. Vasilenko, V. P. Klyuchev, N. A. Kirpichev, A. P. Buyanov, L. S. Timofeyev, V. I. Semyenov and Yu. V. Gortinskiy. There are no references.

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5.	Automatic Switching of the Load From the Amplifier to the Main Transmission Line	20	
Car	rd 2/4		

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APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

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AVAILABLE: Library of Congress (TK6561.K55)		
Card 4/4	JP/fml 3-24-60	

SOV/111-58-3-20/29

AUTHOR:

Fayngersh, N.S., Chief Engineer of the Gor'kiy DRTS

TITLE:

Exchange of Experience in Mekhanization and Automation

(Obmen opytom mekhanizatsii i avtomatizatsii)

PERIODICAL:

Vestnik svyszi, 1958, Nr 3, p 27 - 28 (USSR)

ABSTRACT:

Communication workers of the Gor'kiy Oblast convened in Gor'kiy for a conference dealing with the mechanization of the construction of open air communication lines, and automatic devices for telephone exchanges. First line inspectors and supervisors of local communication installations discussed the application of earth augers and winches for setting up poles for open air telephone lines. The inventor of the earth auger, of which 150 are used in the Gor'kiy Oblast, V.B. Inshakov answered questions concerning suggestions for improvement of this device. The chief mechanic of the Gor'kiy SMUR, A.N. Savel'yev, spoke on the operation of a pole setting device invented by him. The functioning of the various mechanical aids was demonstrated to the participants of the conference. Engineer A.P. Dobrotvorskiy spoke on increasing the durability of telephone poles by

Card 1/2

SOV/111-58-3-20/29

Exchange of Experience in Mekhanization and Automation

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means of modern impregnating methods. The conference also heard reports concerning the operation of semiautomatic telephone exchanges in the Gor'kiy Oblast. While reporting on the results of the work performed during the past years, the conference participants pointed out the lack of mechanical equipment at the different communication installations, and that automatic equipment becomes available too slowly. There is one photo.

Card 2/2

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SOV/111-58-4-23/34

AUTHOR:

Savel'yev, A.N., Chief Mechanic of the Gor'kiy SMUR; Fayngersh,

N.S., Chief Engineer of the Gor'kiy DRTS

TITLE:

A Manual Carriage for Settling Poles (Ruchnaya telezhka-

stolbostav)

A. i

PERIODICAL:

Vestnik svyazi, 1958, Nr 4, pp 29-30 (USSR)

ABSTRACT:

The use of the auger described in Vestnik svyazi, 1956, Nr 11, complicates the setting of telephone poles, especially those of great dimensions. A.N. Savel'yev designed a manual carriage for setting telephone poles having a total weight of 270 kg, equipped with a winch "LS-2". The construction of this pole setting carriage is described in detail and ex-

plained by one sketch. There is I diagram.

ASSOCIATION: Gor'kovskoyo SMUR (Gor'kiy SMUR) Gor'kovskaya DRTS (Gor'kiy DRTS)

1. Communications systems--Equipment 2. Construction equipment

Card 1/1

CIA-RDP86-00513R000412520014-2" APPROVED FOR RELEASE: 08/22/2000

LEVIN, Arnol'd Iosifovich, inzh.; FAYNGERSH, Naum Semoylovich, inzh.; VENGRENYUK, L.I., red.; KARABILOVA, S.F., tekhn.red.

[Use of machinery in building and repairing subscription radio lines and district telephone lines] Mekhanizatsiia rabot po stroitel'stvu i remontu lineino-abonentskoi seti radiofikatsii i VRS. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 27 p. (MIRA 12:10)

6(4,7) AUTHOR:

SOV/111-59-9-13/31

Fayngersh, N.S., Chief Engineer

TITLE:

What is Holding Up Automation and Mechanization on the

VRS and Radiofication Networks

PERIODICAL:

Vestnik svyazi, 1959, Nr 9, pp 18-19 (USSR)

ABSTRACT:

The article deals with the subject of automation and mechanization on the intra-district communication (VRS) and radiofication networks in the USSR generally, with criticism of work to date, and recommendations for improvement in the conduct of work. The author reviews automation and mechanization work in the Gor'kiy Province; in the city of Gor'kiy, he states, all repeater sub-stations are now on remote control; in the current year the entire closed-circuit radiofication network at the large Dzerzhinsk radio broadcasting center will be put on remote control. The decisions of the 21st Party Congress, states the author, provide for completing the radiofication and telephonization of the villages. In connection with the expansion and replacement of line facilities the author

Card 1/4

SOY/111-59-9-13/31

What is Holding Up Automation and Mechanization on the VRS and Radiofication Networks

briefly describes some new equipment for simplification and speeding up of the processes in line construction. The BGKM-AN-63 machine is now in limited use; recently introduced are: a cutting drill for sinking post holes, developed by Inshakov of Gor'kiy, a pole placing cart, developed by Savel'yev, chief mechanic of the Gor'kiy SMUR, a hand-operated winch, a drill-crane, developed by the Tsentral'noye konstruktorskoye byuro ministerstva svyazi (Central Design Office of the Ministry of Communications), and an electric drill. The author is critical of the limited use of such tools in many places, and of the poor quality of the cutting drills being manufactured in comparison with those put out by a Gor'kiy factory. Reference is made to work done by the Kiyev-skoye otdeleniye tsentral nogo nauchno-issledovatel'skogo instituta svyazi (Kiyev Section of the Central

Card 2/4

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

SOV/111-59-9-13/31

What is Holding Up Automation and Mechanization on the VRS and Radiofication Networks

Scientific-Research Institute of Communications) and the Odesskiy elektrotekhnicheskiy institut (Odessa Electrotechnical Institute) in line work. The transfer of VRS and radiofication line work to the lineynotekhnicheskiye uzly (line-technical centers) should be speeded up, and a simpler method of combining highvoltage power lines (up to 6-10 kv) with radiofication feed lines should be worked out. The author notes that repeater sub-stations in the large cities, and rural radio broadcasting centers are only slowly being put on remote control, and finds the explanation in the fact that industry has not yet begun to put out the SVR ADU equipment developed several years ago. Deficiencies in the mechanization processes on VRS lines the absence of ATS block stations, the use of rectifier power units with automatic switching to battery operation, and the question of multiplexing VRS lines with high frequency equipment - are also mentioned.

Card 3/4

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

507/111-59-9-13/31

What is Holding Up Automation and Mechanization on the VRS and Radiofication Networks

The author wishes that information about new developments could be more quickly disseminated, and that more technical conferences might be held. Reference is made to a conference conducted by the Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi imeni A.S. Popova (Scientific-Technical Society of Radio Engineering and Electro-communications imeni A.S.Popov) in Leningrad two years ago on automation of communications facilities; results, he states, are unknown. He expresses criticism of "Svyaz'izdat" for slowness in publishing various brochures, particularly the publication of "Automation of the Control of Radio Broadcasting Centers" ("Avtomatizatsiya upravleniya radiouzlami"), written by the author and Kokurin, and a brochure on the mechanization of line work.

Card 4/4

ASSOCIATION: Gor'kovskiy DRTS (Gor'kiy DRTS)

ARKHANGEL SKIY N.M.; SEREBRIN, L.A.; SAZONOV, I.I.; PESHKO, M.K.; SHANURENKO, V.I.; FAINGERSH, N.S., inzh.; KLYUCHEV, V.M., inzh.; PARADNYA, P.F.; LINCHEVSKIY, M.A.; PARSHIN, A.F.

Additional potentials in the development of multiprogramm broadcasting. Vest. sviazi 24 no.12:13-15 D '64 (MIRA 18:2)

1. Nachal'nik Karagandinskoy direktsii radiotranslyatsionnoy seti (for Arkhangel'skiy). 2. Nachal'nik Odesskoy oblastnoy direktsii radiotranslyatsionnykh setsy (for Serebrin). 3. Glavnyy insh. Rizhskoy direktsii radiotranslyatsionnykh setsy (for Sazonov). 4. Starshiy insh. Rizhskoy direktsii radiotranslyatsionnykh setsy (for Peshko). 5. Nachal'nik laboratorii Nauchno-issledovatel'skogo instituta Ministerstva svyazi SSSR (for Shanurenko). 6. Gor'kovskayz direktsiya radiotranslyatsionnykh setsy (for Payngersh, Klyuchev). 7. Nachal'nik Kiyevskoy gorodskoy direktsii radioseti (for Paradnya). 8. Glavnyy inzh. Uzbekskoy respublikanskoy direktsii radiotranslyatsionnykh setsy (for Linchevskiy). 9. Nachal'nik Ufimskoy gorodskoy radiotranslyatsionnoy seti (for Parshin).

LAVN	(GENSH YH. W.	Tes area.
RAYI	KH, I.Ya., inzhener; FAYNGERSH, Ya.D., inshener.	•
	Terminals and contacts for wire and cable current-carrying cores.  Mekh.stroi.ll no.9:30-32 \$ '54. (MIRA 7:9)  (Electric cables)	
		, .
	•	
neriwskom erkanskom statema		

HAYNGERSH, Ya. V.

RAIKH, I.Ya., inzhèner; YAYNGERH, Ja.D., inzhener.

Mechanical method of making openings in masonry walls. Mekh.stroi.
11 no.11:28-29 N 154.

(Masonry) (Drilling and boring)

(Masonry) (Drilling and boring)

FAYNGERSH, Ya.D.

AID P - 1911

Subject : USSR/Engineering

Card 1/1 Pub. 29 - 16/25

Authors : Raykh, I. Ya., Eng. and Fayngersh, Ya. D., Eng.

Title : Mounting of a vertical dry cable

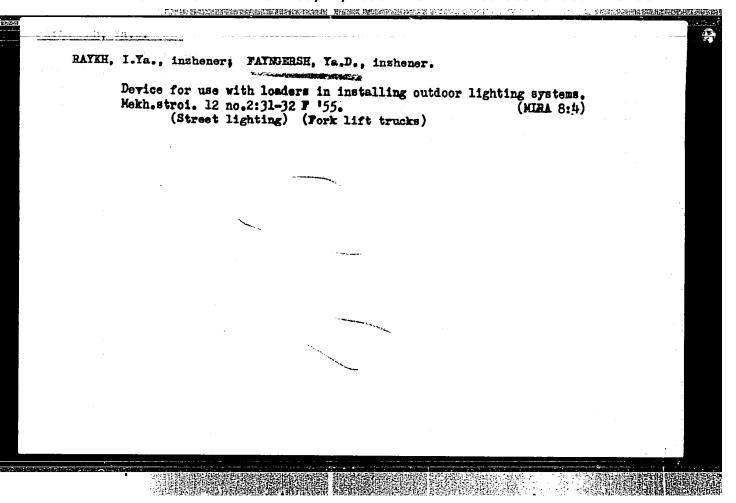
Periodical: Energetik, no.2, 26-29, F 1955

Abstract : The author describes the mounting of a 10 kv cable

at the Moscow State University (MGU). The high-voltage substations at the MGU are located on levels 30 to 100 m apart. Three drawings and 6 photographs.

Institution: As mentioned above

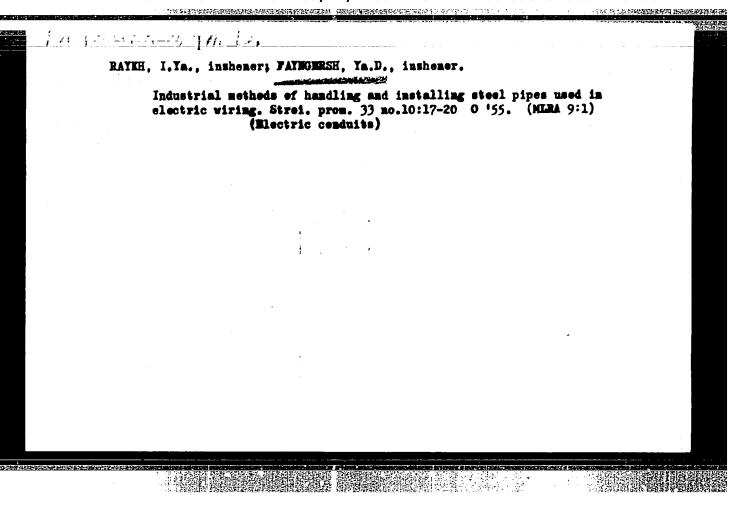
Submitted : No date



SERERRYAKO, V.M., inshener; FAYNGERSH, Ya.D., inzhener; HAYKH, I.Ya., inshener

Use of glass tubing in electric installation work. Shor. mat. o now. tekh. v stroi. 17 no.7:22-26 '55. (MIRA 8:9)

(Electric conduits)



SVESHNIKOV, V.A. FAYNGEBSH, Ya.D.; FATENOVSKAYA, M.I., red.; TARKHOVA, K.Ys., tekhn. red.

[Safety manual for workers using assembly guns] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh stroitel'nomontazhnym pistoletom. Izd.2., perer. i dop. Moskva, Gosstroitzdat, 1963. 27 p.

(Construction equipment—Safety measures)

(Construction equipment—Safety measures)

LEYZEROVICH, M.Ya.; FAYNGERSH, Yu.Ya.

Machine for the forming of covers for the platform sole of women's shoes. Kosh.-obuv.prom. no.7:37 J1 '59.

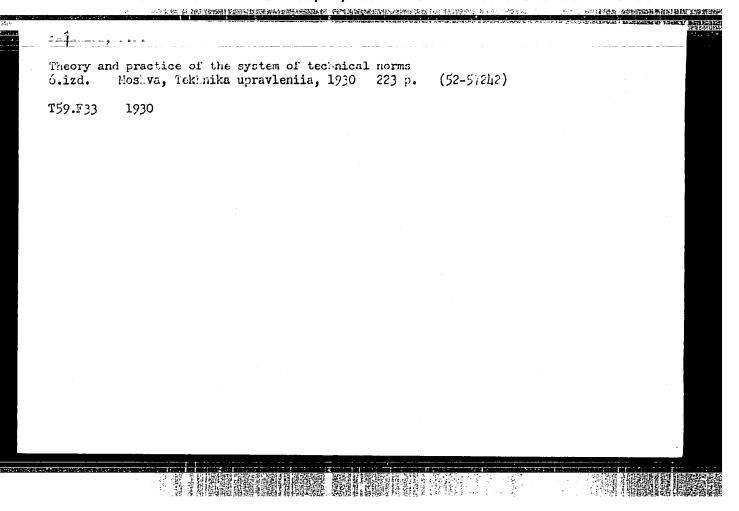
(Shoe machinery)

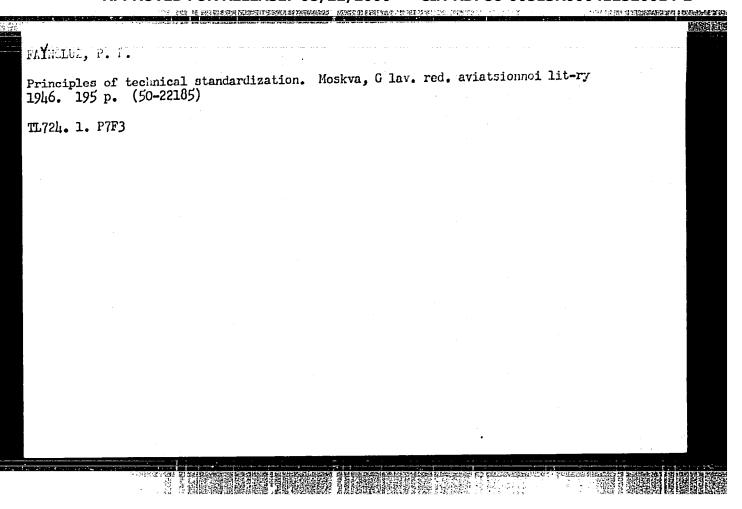
# FAYNGERTS, M.M.

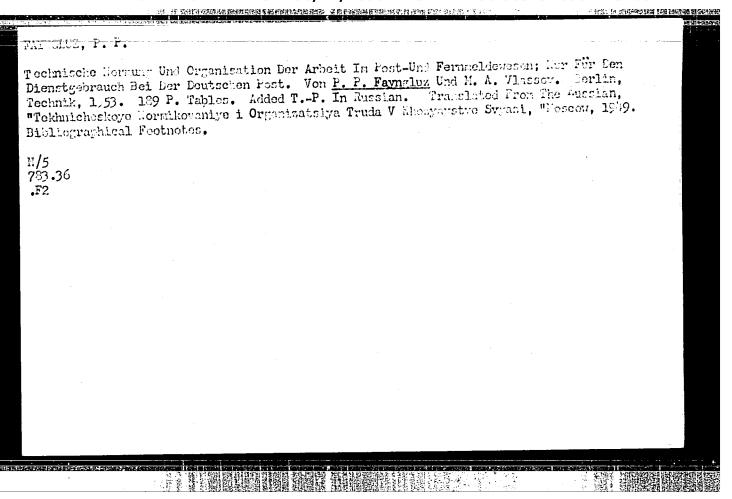
SEE 11 DE STRUCTURE DANS LE PROPERTIE DE LA CONTRACTION DEL CONTRACTION DE LA CONTRA

Organizing laboratory and other practical work in physics. Fiz. v shkole 21 no.1:81-83 Ja-F '61. (MIRA 14:9)

1. 18-ym srednyay shkola, g. Koltan Kemerovskoy oblasti. (Physics-Study and teaching)







PAYNOLUE, P.P.; PAPINAKO, I.G., redaktor; SOKOLOVA, R.Ya., redaktor.

[Technical work standards in communications] Tekhnicheskoe normirovanie v khozialstve sviasi. Moskva, Gos. isd-vo lit-ry po voprosam sviazi i radio, 1953. 267 p.

(Telecommunications) (Postal service)

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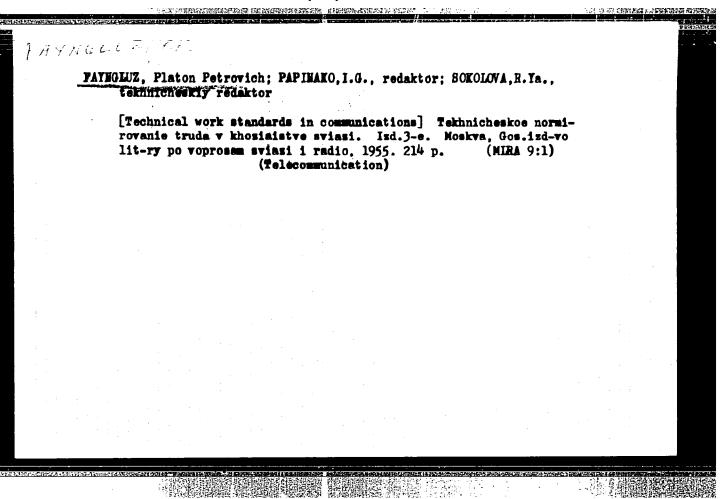
FAYNGUZ, P.P.

Osnovy tekhnicheskogo normirovaniia. Moskva, Glav. red. aviatsionnoi lit-ry, 1946 "Kurs...lektsii, chitannykh avtorom v 1941-1944 gg. v Kazanskom i Voronezhskom aviatsionnykh institutakh."

Title tr.: Fundamentals of technical standardization. A course of lectures delivered by the author at Kazan and Voronezh aeronautical institutes in 1941-1944.

TL724.1.P7F3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955



FAYNGLUZ, Platon Petrovich; VLASOV, Mikhail Andrianovich; KOMARCV, Yu.N., red.; SIDOROVA, T.S., red.; MARKOVHC, K.G., tekhn. red.

[Establishment of work norms in the communications industry]
Tekhnicheskoe normirovanie truda v khoziaistve sviazi. 4 izd.
Moskva, Sviaz'izdat, 1962. 229 p. (MIRA 15:10)
(Telecommunication—Production standards)
(Postal service—Production standards)

的问题的对象的经验,但是一个人的问题,但是一个人的问题,但是是一个人的问题,但是是一个人的问题,但是一个人的问题,但是一个人的问题,但是一个人的问题,但是一个人

FAYNGLUZ, Ye.

FAYNGLUZ4YE8

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- 1. KUSAKOV, M., PROKOF'YEVA, Ye., FAYNGLUZ, Ye.
- 2. USSR (600)

"Physical Chemistry of Surface Phenomena in Technology of Oil," Iz. Ak. Nauk SSR, Otdel. Tekh. Nauk, No. 5, 1940. Laboratory of Petroleum Beds, Institute of Mining, Academy of Sciences USSR.

9. Report U-1530, 25 Oct. 1951

YEFREMCHENKO, V.F., inzh.; EAYMOOL'D, B.S., inzh.

Attachment used for grinding hyperboleidal surfaces. Mash.Bel.
ne.4:175-177 '57. (MIRA 11:9)

(Grinding machines--Attachments)

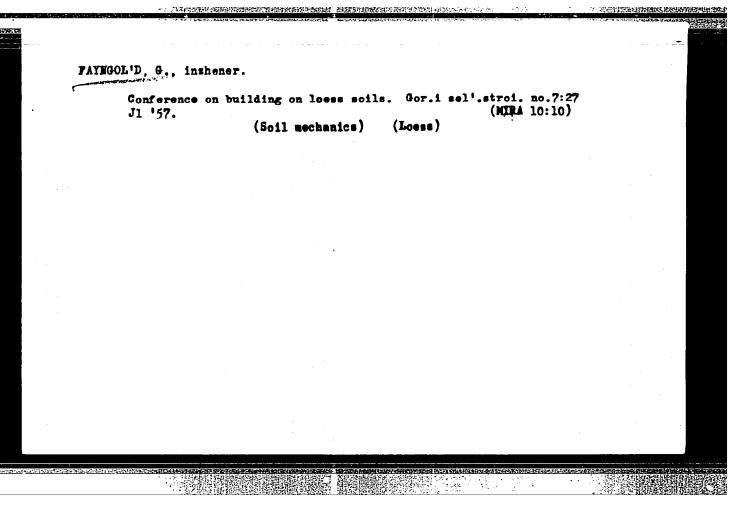
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POZOREK, G.K.; FAYNGOL'D, E.P.

Reader's response to the article by M.A. Magoichenkov, and V.N. Diadyk "Certificate for boring and blasting operations in mines"; "Ugol", 1962, No.12. Ugol' 38 no.8:62 Ag '63.

(MIRA 17:11)

1. Proizvodstvenno-eksperimental'noye upravleniye burovzryvnykh rabot Donetskogo soveta narodnogo khozyaystva.



AID - P-7

Subject

: USSR/Engineering

Card

: 1/1

Author

: Lapshin, N. G. and Fayngold, G. E., Engineers

Title

: Experiences in producing concrete plates.

Periodical

: Sbor. mat. o nov. tekh. v stroi. 2, 17-18, 1954.

UNIXABINES CONTROL OF THE PROPERTY OF THE PROP

Abstract

: Precast concrete plates were made in an upward position, thereby the proper placing of reinforcing bars could be better controlled. The boards used as forms were placed upright on a platform; concrete when poured in those forms was tamped by vibrators.

Institutions: Reinforced concrete construction Shop of the trust "Dnepro-

stroydetal'".

Submitted

: No date.

FAIRGOL'D, G.B., inshemer. Bin for hoisting loose materials. Nov.tekh.i pered. op. v stroi.
19 no.3:18-19 Mr \*57. (MIRA 10:4) 19 no.3:18-19 Mr \*57.
(Hoisting machinery)

PAYNGOL'D, G. E.

More prestressed concrete construction. NTO no.12:33 D '59 (NIRA 13:3)

1. Uchenyy sekretar' Dnepropetrovskogo oblastnogo pravleniya Mauchnotekhnicheskogo obshchestva stroitel'noy industrii. (Prestressed concrete construction)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

. .

BUSHTEDT, I.I., inzh.; FAYNGOL'D, G.E., inzh.

Use of cold emulsion bituminous mastic in nonrolled roofs and for waterproofing. Stroi.mat. 9 no.3:17-20 Mr '63.

(Roofing, Bituminous) (Waterproofing)

FAYNGOL'D, I.Ya., inzh.; KOSHEVOY, V.I., inzh.

TE10 main-line diesel locomotive. Elek.i tepl.tinga 3 no.7:
4-7 J1 '59.

(Diesel locomotives)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

KHATSHELEVICH, M.N., inzh.; FAYNCOL'D, I.Ya., inzh.; BORGVSHII, G.H., kand.tekhn.nauk; KLHRV, N.H., inzh.

Replies to the inquiries of our readers. Elsk. i topl. tiaga (MIRA 14:7)

(Railroads—Signaling)

(Diesel loconotives—Maintenance and repair)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

Using electric hygrometers in systems for the automatic control of moisture in gas. Shor. nauch. trud. Bel. politekh. inst. no.74:48-54 '59.

(MIRA 13:8)

(Moisture--Measurement) (Automatic control)

L 3921-00 E.F.(1)/EMP(m)/EPF(n)-2/EMA(d)/FOX(k)/EMA(1) WH/GS	
ACC NR. AT5027198 UR/0000/65/000/000/0123/0129	
AUTHOR: Fayngol'd, L. A.	2
ORG: Institute of Heat and Mass Transfer AN BSSR, Minsk (Institut	
TITLE: Interference measurements of mass transfer in a turbulent boundary layer on a permeable surface	
SOURCE: AN BSSR. Institut teplo- i massoobmena. Teplo- i massoobmen tel s okruzhayushchey gazovoy sredoy (Heat and mass exchange of bodies with the surrounding gaseous medium). Minsk, Nauka i Tekhnika	
TOPIC TAGS: mass transfer, boundary layer theory, turbulent flow, carbon dioxide, surface property	
ABSTRACT: The object of the work was the interferometric measurement of the concentration field of an admixture (carbon dioxide gas) blown into a turbulent boundary layer through a permeable surface under isothermal conditions. The experimental apparatus (shown in a figure) consisted of an open type aerodynamic tube with a closed working column 0.8 meters long and with a cross section 190 x 360 mm	
Card 1/3 UDO: None	

L 8925-66

ACC NR: AT5027198

The porous plate being investigated was placed in the lower wall. The flow velocity through the plate was varied smoothly up to 40 meters/sec. The porous plate was made of stainless steel and had dimensions of 0.28 x 0.035 x 0.005 meters. Photography of the radiation process was done with a "Zenith-S" camera mounted directly on the apparatus. Calculation of the concentration of carbon dioxide gas was done by the following formula:

$$c = \frac{\lambda}{l(n_{\infty_i} - n_{\bullet})} \cdot \frac{\Delta}{b} :$$
 (5)

in which  $\Delta/b$  was determined from the expansion of the interferograms. A figure shows the measured concentrations of carbon dioxide gas in the flow of a boundary layer at a distance of 200 mm from the start of the working section of the plate, for different degrees of blowing of carbon dioxide and a flow rate of 25 meters/sec. a further figure shows the concentration profiles for different degrees of blowing expressed in dimensionless coordinates. A formula is derived for the direct calculation of the profiles of the relative carbon dioxide concentrations in the boundary layer with blowing of carbon dioxide gas. Orig: art. has: 7 formulas and 4 figures.

Card 2/3

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	USSER/Medicine - Medical Equipment May/Jun 52 Metals - Shortage of Brass "Ways of Economizing Materials in the Medical Instruments Industry," L.I. Fayngol'd, Main Admin, Med Inst Ind, Min of Pub Health USSE "Med From" No 3, pp 6-10		short supply. Stainless steel capillary tubing for the manuf of hypodermic syringe needles is referred to as being in very short supply.	216.F	
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### FAYNGOL'D, L.I.

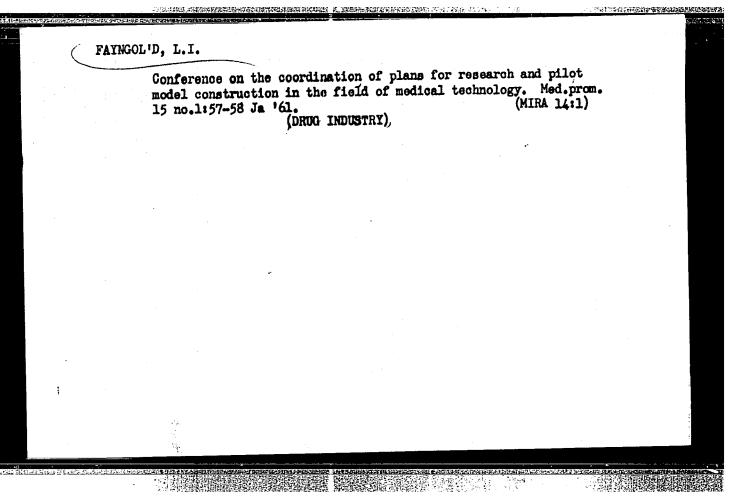
Three-dimensional hot stamping in the medical instruments industry. Med.prom. 10 no.3:37-41 J1-S \*56. (MIRA 9:11)

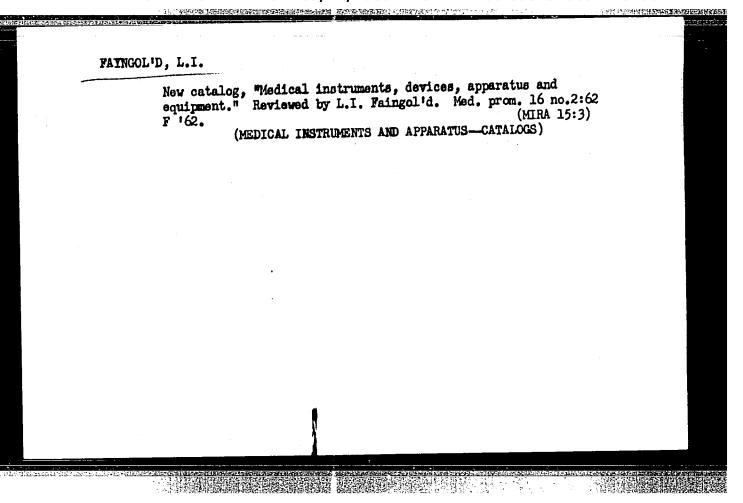
1. Glavnoye upravleniye medike-instrumental noy promyshlennosti.
(MEDICAL INSTRUMENTS AND APPARATUS)
(FORGING)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

# FATNGOL'D, L.I. Prospects for the development of medical apparatus manufacture. Med. prom. 14 no.7:3-6 Je '60. (MIRA 13:8) 1. Ministerstvo zdravockhraneniya SSSR. (MEDICAL INSTRUMENTS AND APPARASUS)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"





# FAYNCOL'D. L.I.

New medical technics in 1962. Med.prom. 16 no.4:7-11 Ap '62. (MIRA 15:8)

1. Upravleniye lekarstvennykh sredstv i meditsinskoy tekhniki Ministerstva zdravookhraneniya SSSR. (MEDICAL INSTRUMENTS AND APPARATUS)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

ENT(m)/EWA(d)/EWP(t)/EWP(b) ASD-3/AFFTC/ESD-3/IJP(c)/Pa-4/ASD(f)-2/ ASD(m)-3 JD/WB/MLK

ACCESSION NR: AT4048065

\$/0000/64/000/000/0150/0159

AUTHOR: Tseytlin, Kh. L.; Fayngol'd, L. L.; Strunkin, V. A.

5+1

TITLE: Chemical stability of titanium in halo acids and halogens

27 SOURCE: Soveshchaniye po metallurgil, metallovedeniyu i primeneniyu titana i yego splavov. 5th, Moscow, 1963. Metallovedeniye titana (Metallography of titanium); trudy soveshchaniya. Moscow, Izd-vo Nauka, 1964, 150-159

TOPIC TAGS: titanium, titanium corrosion, titanium chemical stability, halogen, titanium halide, nitro compound

ABSTRACT: Halogens generally increase the corrosion of iron, copper, nickel, lead and other metals in hydrochloric acid. Only tantalum, a very costly and rare metal, has high stability, although titanium has sufficient stability in hydrochloric acid up to a concentration of 5%. The present paper considers the effect of halogens on the chemical stability of titanium in halo acids. Titanium corrodes insignificantly in halo acids at room temperature, but at 900 corrosion reaches tremendous proportions (about 400 mm/year in hydrochloric acid and 72 mm/year in hydrobromic acid). In all cases, addition of halogens to hydrochloric and hydrobromic acids was found to lower the corrosion rate of titanium, although increasing the temperature lowered the protective capacity of the halogens. Chlorine, Card 1/3

L 15660-65

ACCESSION NR: AT4048065

bromine and lodine decreased the corrosion of titanium to the same degree. The view that titanium reacts with chlorine, bromine and iodine only at high temperature is incorrect, since several recent publications have reported that titanium reacts rapidly with chlorine at room temperature and even at -18C. Tests by the authors showed that VTI titanium sheets ignite in chlorine gas at room temperature after 24 hours. Strong corrosion was observed with iodine at 600, while titanium did not corrode after 500 hours at room temperature. Other tests indicated that titanium reacts rapidly with both dry liquid bromine and moist bromine, although it has high stability in aqueous solutions of bromine up to 900. Ignition of titanium occurs when the reaction is highly exothermic and proceeds at a high rate, when the final products of the reaction are gases and when the reaction is autocatalytic. The formation of TiCl4, TiBr4 and Til4 liberates large quantities of neat. Some publications have noted that aromatic nitro compounds increase the corrosion of Iron, copper, lead, aluminum and their alloys by electrolytes. This is explained by the depolarization of mitro compounds during the process. No data are and lable in this respect about titanium. Tests by the authors showed that almost all nitro compounds sharply lower the corrosion rate of titanium by hydrochloric acid up to 60C, but at 80C this process changes and the protective action is observed only in the presence of o-nitrotoluene, o-nitrophenol, m-dinitrobenzene and 1,2,4-di-nitrochlorobenzene. The concentration of nitro compounds in 6 N HCl has a marked effect on titanium corrosion at 60C. Orig. art. has: 6

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L 15660-65
ACCESSION NR: AT4048065
figures and 3 tables.
ASSOCIATION: none
SUBMITTED: 15Ju164 ENCL: 00 SUB CODE: MM
NO REF SOV: 024 OTHER: 012

- 1. FAYNGOL'D, M.A.
- 2. USSR (600)
- 4. Electrical Power Plants
- 7. Using exhaust gases from a mobile steam engine, Mekh. i elek.sel'khoz. no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

SOV/112-58-1-208

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 1, p 27 (USSR)

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AUTHOR: Fayngol'd, M. A.

TITLE: Operation of Heating-and-Power Equipment in Rural Districts of the Ural (Ekspluatatsiya teplosilovogo oborudovaniya v sel'skokhozyaystvennykh rayonakh Urala)

PERIODICAL: V sb.: Teplosnabzheniye i teploenerg. ustanovki s. kh. Minsk, AN BSSR, 1956, pp 159-168

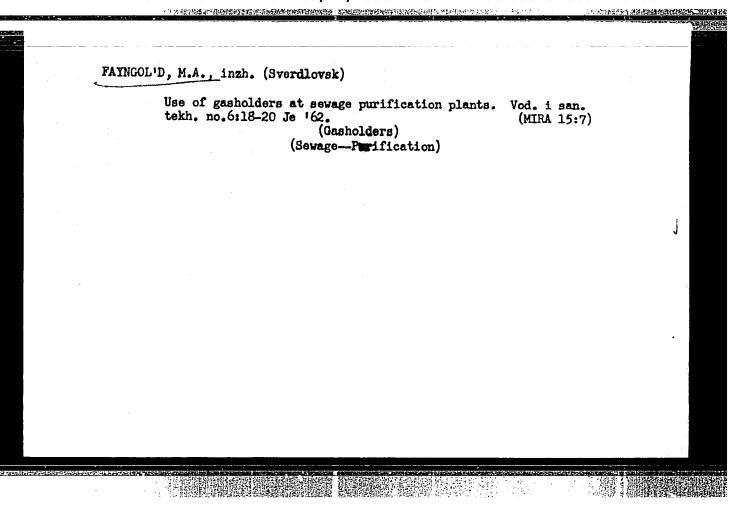
ABSTRACT: The fundamental type of rural electric station in the Urals is a 20-125 hp locomobile station. On the basis of operating experience, the following fundamental tasks are cited for the coming years: (1) developing heatingsupply systems; (2) mechanizing peat production and stacking and improving peat combustion; (3) staffing MTS with power-engineering technicians and training enginemen; (4) organizing repair of electric-station equipment by MTS personnel during the summertime.

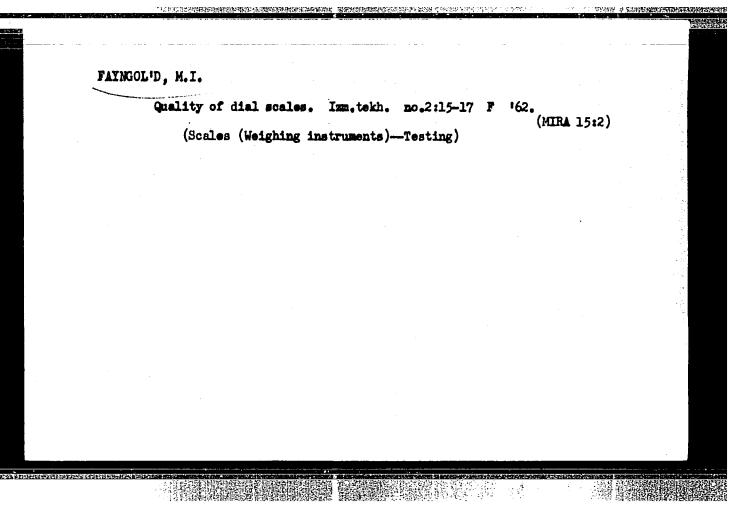
Z. M. M.

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Card 1/1

1. Steam power plants--Operation 2. Steam power plants--Maintenance





### "APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520014-2

I. 35359-66 EWT(1)/T IJP(c)

ACC NR: AR6017808

SOURCE CODE: UR/0058/66/000/001/E004/E004

AUTHOR: Fayngol'd, M. I.

37

TITLE: Concerning the Einstein-Smoluchowski problem

PARTY.

SOURCE: Ref. zh. Fizika, Abs. 1E26

REF SOURCE: Uch. zap. Ul'yanovskiy gos. ped. in-t, v. 18, no. 5, 1964, 53-58

TOPIC TAGS: gas kinetics, statistical mechanics, particle collision, elastic collision, physical diffusion, temperature, thermal equilibrium

ABSTRACT: The author considers the mechanical problem of loss of energy E by a fast particle experiencing elastic collisions with stationary particles. An expression is obtained for the particle energy  $E_n$  after n collisions  $(E_n \to 0 \text{ as } n + \infty)$ , and then the expression is generalized to the case of mobile scattering centers, the mobility being characterized by a temperature T (here  $E_n \to 3$ kT as  $n \to \infty$ ). An expression is also obtained for the time variation of E in the form of a step function of the time t. The form of this function turns out to be useful in the analysis of diffusion in a gas or a liquid, starting from the Langevin level. An explicit expression is obtained for the rms dispacement  $\overline{\mathbb{R}^2}(t)$  of the fast particle, describing the variation of  $\overline{\mathbb{R}^2}(t)$  for arbitrary t, including long before establishment of thermal equilibrium in the system comprising the gas (or liquid) and the trial particle. O. Kuznetsova. [Translation of abstract]

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61

L 44433-66 EWT(m)
ACC NR. AP6023082 (AN) SOURCE CODE: UR/0367/66/003/004/0626/0629

AUTHOR: Fayngol'd, M. I.

ORG: Institute of Nuclear Physics, Academy of Sciences, Uzbek SSR (Institut Yadernoy fiziki akademii nauk Uzbekskoy SSR)

TITLE: A possible gamma-radiation mechanism in reactions with heavy ions

SOURCE: Yadernaya fizika, v. 3, no. 4, 1966, 626-629

TOPIC TAGS: nuclear particle, dipole moment, gamma quantum, gamma radiation, ion beam, heavy ion

ABSTRACT: The validity is established of Babikov's hypothesis [Hirschfelder, 1.; Curtiss, Ch.; Bird, R. Molecular theory of gases and liquids, Univ. of Wisconsin, 1959] on the formation of a compound system with an electric dipole moment during the interaction of medium and heavy nuclei. It is shown that the formation of such systems, follows from the laws of motion if the presence of a strong interaction between peripheral nucleons in nuclei short distances apart is considered. The dependence of the  $\gamma$ -radiation energy on the energy of the ion beam is obtained and analyzed. The cross section for the  $\gamma$ -quantum emission in the formation of the

Card 1/2

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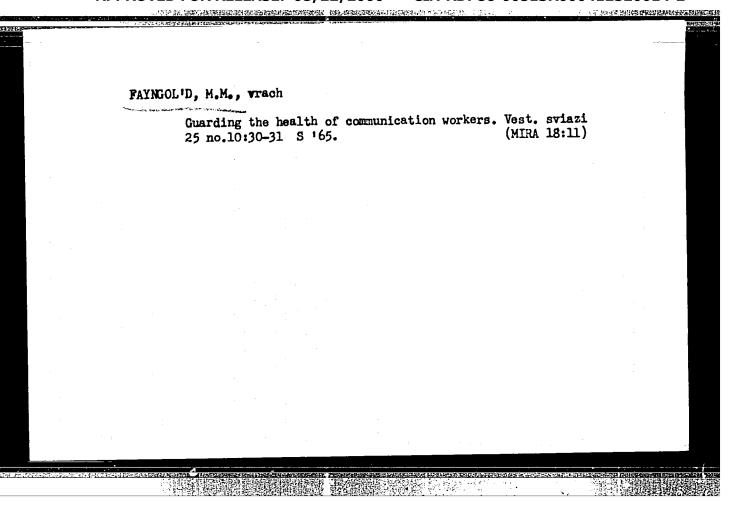
### ACC NR. AP6023082

compound nucleus is found, making it possible to estimate the contribution of this process to the radiation observed. An experiment with similar nuclei is interesting for the separation of radiations. Such systems do not emit dipole radiation. The role of the  $\gamma$ -quantum of the compound nuclei will increase substantially as a result. Comparison with the radiation of systems having a dipole moment, can supply additional information on the role of torsion in nuclear interactions. In conclusion, the author thanks L. G. Yakovlev for his valuable comments and the participants of the IYaF seminars for discussion of the work. Orig. art. has: 16 formulas. [GC]

SUB CODE: 20/ SUBM DATE: 26Feb65/ ORIG REF: 004/ OTH REF: 003

Card 2/2

### "APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2



AL'FEROVICH, P.M., professor; FATHOOL'D, M.V.

Mifect of circulatory disorders in cerebral tumors on the clinical course of the disease. Vop.neirokhir. 19 no.3:10-14 My-Je '55.

(MERA 8:6)

1. Is kafedry nervnykh bolesney Vinnitskogo meditsinskikh instituta.

(RRAIH, neoplassa,
compl., circ. disord.)

(RRAIH, blood supply,
circ, disord. in cerebral tumors)

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Characteristics of the hypertensive syndrome in metastatic cancer of the brain. Zhur. nevr. i psikh. 56 no.3:244-247 '56 (MERA 9:7.

1. Kafedra nevnykh bolesney (sav.-prof. P.M. Al'perovich)
Vinniskogo meditsinskogo instituta.

(RAIN, meoplasms,
metastatic cancer causing intracranial hypertension
(Rus))

(CERREROSPINAL FLUID, in var. dis.
hypertension in cancer of brain (Rus))

FAYNGOL'D, S., kand. tekhn. nauk; VOORE, Kh. [Voore, H.]

Dealkylating effect of aluminum chloride [with summary in English]. Izv. AN Est. SSR, Ser. fiz.-mat. i tekh. nauk 12 no.1:100-107 '63.

(MIRA 16:5)

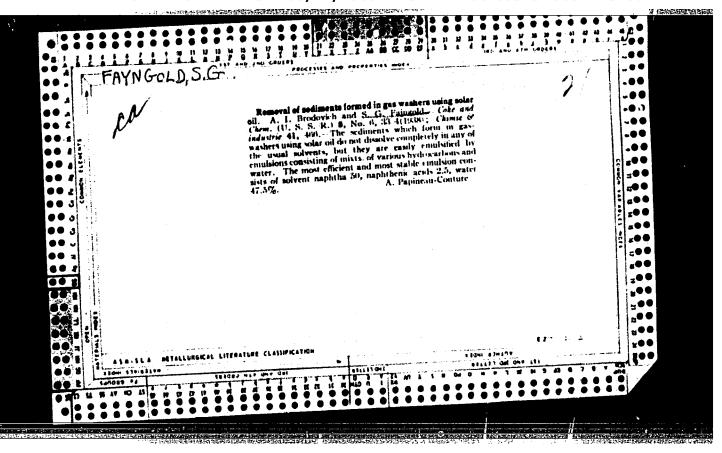
1. Academy of Sciences of the Estonian S.S.R., Institute of Chemistry.

[1] 起诉法院这就想给被给我的规则是这种理解的现在的东西之间,而你是是对他的不多的是不是不是,是不不是,是几个人

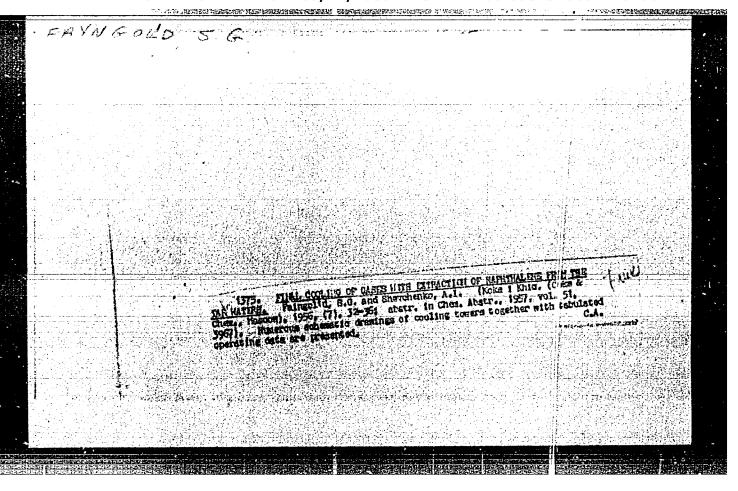
(Aluminum chloride) (Alkylation) (Hydrocarbons)

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#### "APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2

AUTHOR:

Faingol'd. S.G., Candidate of Technical Sciences and 145

Popova, A.S. (Yasinovsk Coke Oven Works).

TITLE:

The determination of chlorides and thiocyanides in coal tar. (Opredelenie khloridov i rodanidov v kamennougol'noy smole.)

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry), 1957, No. 2, pp. 47 - 48, (U.S.S.R.)

ABSTRACT:

The recommended method of determining chloride and thiocyanides in tar (ChMTU 10094-55) was found to give low results. A modification of the method, namely, the preparation of the salts extracts for subsequent titration with Hg(NO<sub>3</sub>)<sub>2</sub> is proposed. It consists of boiling 100 g of tar with 200 ml of water and 1 g of sodium sulphate for 30 minutes with an air condenser in order to remove ammonium salts. After cooling the aqueous layer is filtered (if necessary through activated carbon) and an aliquat portion (25 ml) titrated after an addition of 0.2 ml of concentrated nitric acid and 1 ml of 10% nitrate. The analysis takes 1 1/2 hours. The comparison of results obtained by both methods is given (Tables 1 and 2). and this indicates that the old method required 4 subsequent extractions to obtain results near to those by the new method.

THE PROPERTY OF THE PROPERTY O

KAUTMAN, A.S.; PAPUSHIB, L.L.; FATROOL'D, S.O.

Effect of the degree of full filled of charging bias on the exactness of metering. Eoks i khim no.3:3-6 '57. (MIRA 10:5)

1. Vasinovskiy koksokhimicheskiy savod. (Coke ovene)

68-8-12/23

AUTHORS:

Fayngol'd, S. G., Candidate of Technical Sciences, and Zen'kovskaya, S. I., Engineer.

TITLE:

Determination of the Content of Naphthalene, Mechanical Admixtures and Tarry Substances in the Industrial Waters of

Coke Oven Works. (Opredeleniye soderzhaniya naftalina, mekhanicheskikh primesey i smolistykh veshchestv v promyshlennykh

vodakh koksokhimicheskikh zavodov).

PERIODICAL:

Koks i Khimiya, 1957, No.8, pp. 32-34 (USSR)

ABSTRACT:

A method for the determination of naphthalene, tarry substances and solid particles in coke oven effluents and other process waters is proposed. The method of determining naphthalene is based on a combination of the picrate and filtering method. The method of determining the content of solids is based on the extraction with benzene and filtration. The total amount of admixtures is determined by filtration, weighing of the wet filter, the water content of which is then determined by the Din and Stark method. A good reproducibility is claimed. There is 1 figure and

1 Slavic reference.

ASSOCIATION:

Yasinovka Coke Oven Works. (Yasinovskiy Koksokhimicheskiy Zavod).

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AVATLABLE: Card 1/1

AUTHOR:

Fayngol'd, S.G.

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732-12-9/71

TITLE:

Determination of the Content of Unsaturated Hydrocarbons in Crude Benzene and Benzene Fractions (Opredeleniye soderzhaniya nepredel'nykh uglevodorodov v syrom benzole i benzol'nykh fraktsiyakh).

PERIODICAL:

Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 12, pp. 1425-1426 (USSR)

ABSTRACT:

For the estimation of the quality of crude benzene it is decisive to determine its content of unsaturated compounds. The apparatus and methods of control of coke-chemical industrial products (in the USSR) intended herefore are, according to the opinion of the author, too complicated and (because of the necessary use of chlorine), too troublesome. A more simple method is therefore suggested in this paper, which consists in purification of the benzene by sulphuric acid, and, at the same time, serves the purpose of determining the unsaturated compounds in benzene. By may of washing of the crude benzene with the acid mentioned these compounds are extracted from the main fraction as a thick polymer resin. The remaining (light compounds) are eliminated in form of precipitation by may of the final rectification of the benzene. At the same time the thiophene and its

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Determination of the Content of Unsaturated Hydrocarbons in Crude Benzene and Benzene Fractions

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32-12-9/71

homologous are transformed in the crude benzene into the polymers which are dissolved in the pure product and can then be removed as precipitation in the final rectification. (There follows the description of the experiment. The results are shown together in two tables). This method of analysis takes 50 - 60 minutes; the results obtained are satisfactory and were confirmed by investigations carried out with other methods. There are 2 tables.

ASSOCIATION: Yasinovka Coke-Tar Chemical Plant Yasinovskiy koksokhimicheskiy

zavodj

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Card 2/2

1. Benzine purification-Sulfuric acid-Applications

FLYNGOL'D, J.G.

AUTHOR: Fayngol'd, S.G.

68-1-14/22

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TITLE:

An Improvement in Sampling of Raw Gas for Analyses for Benzole Hydrocarbons (Usovershenstvovaniye otbora pryamogo gaza pri analize benzol'nykh uglevodorodov)

PERIODICAL: Koks i Khimiya, 1958, No.1, pp. 52 - 53 (USSR).

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ABSTRACT: A gas sampling and absorption train used on the Yasinovka Coke Oven Works for the determination of benzole hydrocarbons in raw coke oven gas is described. It is claimed that using this method a uniform flow of gas (without the usual blockages) can be obtained. Characteristic features: a vertical sampling pipe (30 mm dia.) followed by an inclined water cooled conpipe (30 mm dia.) followed by an inclined water collecting denser, from which the gas passes into a condensate collecting vessel. From this, the gas passes into a vertical tube serving as an air condenser (Fig.1) followed by an absorption train, consisting of 2 wash bottles with 30% sulphuric acid, an empty wash bottle to catch aid spray, two wash bottles filled with cotton wool, two absorbers for H<sub>2</sub>S (bog ore), an empty wash bottle followed by a wash bottle with copper sulphate (to check for H<sub>2</sub>S). So the purified gas passes into absorbers with activated carbon. (Fig.2). There are 2 figures.

ASSOCIATION: Yasinovka Coke Oven Works (Yasinovskiy koksokhimicheskiy zavod)

## "APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2

68-1-14/22

An Improvement in Sampling of Raw Gas for Analyses for Benzole Hydrocarbons.

AVAILABLE:

Library of Congress

Card 2/2

68-58-4-9/21

Fayngol'd, S. G., Candidate of Technical Sciences AUTHOR:

Preparation of Chorded Packing of Sulphur Scrubbers (Podgotovka khordovoy nasadki sernykh skrubberov) TITLE:

PERIODICAL: Koks i Khimiya, 1958, Nr 4, pp 30-34 (USSR)

ABSTRACT: When on the Yasinovka coke oven works the gas cleaning plant was put into operation, serious difficulties were experienced due to foaming of the soda solution used for scrubbing sulphur. The scrubber was filled with fresh pine hurdles. The periods of spraying hurdles with soda solution of various concentrations and at various temperatures before the scrubber started operating are given. Simultaneously with the practical measures taken for the removal of the above operating difficulties (extraction of hurdles), some experimental investigations were carried out in order to determine the component of pine hurdles causing foaming, the content of this component and the velocity of its extraction with various extracting agents and possible methods of extinguishing foam. In the paper the research carried out on the above subjects is described in some detail. It was found that colophony resins present in hurdles are extracted by potash solution, Card 1/2 forming soaps which cause foaming. During the plant

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ASSOCIATION: Yasinovskiy koksokhimicheskiy zavod (Yasinovka Coke Oven Works)

Card 2/2

1. Gases--Cleaning 2. Industrial plants--Operation

3. Sulfur--Processing 4. Soda solutions--Performance

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000412520014-2"

SOV/68-59-7-20/33

Fayngol'd, S.G. and Anan'yeva, V.I. AUTHORS:

Operating Conditions of Ammonia Stills TITLE:

PERIODICAL: Koks i khimiya, 1959, Nr 7, pp 51 - 53

ABSTRACT: In view of repeated blocking of the ammonia stills by precipitating sypsum which required cleaning of the still every 7 - 10 days, an outside reactor and an additional settling tank for the removal of precipitated gypsum were introduced. The above measure increased the period between successive cleanings of the still to 30 - 33 days, but did not solve the problem. On the basis of the temperature-solubility relationship for gypsum (see Figure), the temperature conditions in the settling tank and the still were maintained at 110 - 111 C and 107 - 108 C respectively. This increased the time between the successive cleanings of the still to 61 days. A rapid method (1 1/2 hours) of determination of SO<sub>4</sub> ions in the

Card 1/2

SOV/68-59-7-20/33

Operating Conditions of Ammonia Stills

ammonia liquor based on the precipitation of BaSO, with a solution of BaCl<sub>2</sub> of known normality and back titration of the excess of BaCl<sub>2</sub> with a solution of trilon B in the presence of magnesium ions and chrommethylene blue indicator is described.

There is 1 figure and 3 tables.

ASSOCIATION: Yasinovskiy koksokhimicheskiy zavod (Yasinovskiy Coking Works)

Card 2/2

Sov/68-59-10-13/24

AUTHORS:

Fayngol'd, S.G., Candidate of Technical Sciences, and

Smol'yakov, N.K.

TITLE:

Operation of the Sulphur Purification Plant on the

Yasinovas Coking Works

PERIODICAL:

Koks i khimiya, 1959, Nr 10, pp 41-44 (USSR)

ABSTRACT:

Purification of the coke oven gas from hydrogen sulphide on the Yasinovke Works is done by the vacuo-potash method. A comparison of the design on the actual average operating indices of the desulphurisation plant indicated that the required degree of desulphurisation (85%) was not obtained. This was due to an insufficient spraying density in the scrubber (2 litre/m<sup>3</sup> of the gas), and on increasing the rate of spraying to 2.7 litre/m<sup>3</sup> the desulphurisation process was sharply improved. Further deficiencies in the plant design were: 1) lack of provision for the removal of salts which accumulated in the regenerated absorption solution (the composition and quantities are given in table 2). For this purpose an evaporator

Card 1/2

followed by two crystallising troughs (externally water

CIA-RDP86-00513R000412520014-2" **APPROVED FOR RELEASE: 08/22/2000** 

Sov/68-59-10-13/24

Operation of the Sulphur Purification Plant on the Yasinovka Coking Works

并是我**们是我们的自己的是我们的是我们的是我们的是我们的人,我们就是我们的人,**我们就是我们的人,我们就是这个人的,不是一个人的人。

cooled) were added (fig 1), which cured this defect of the original design. 2) Electrostatic precipitators of the MVT-3.5 type of a rectangular cross section. It was found that when the acid penetrated between the lining and the cone, a deformation of the precipitator's body takes place due to the formation of ferrous sulphate. Replacement of these precipitators by ones of a circular cross section is recommended. There is 1 figure and 2 tables.

ASSOCIATION: Yasinovskiy koksokhimicheskiy zavod (Yasinovka Coking Works)

Card 2/2

FINKEL', M.Ya., prinimali uchastiye: SHEVCHENKO, A.I.; KAUFMAN, A.S., [deceased]; STEPANENKO, V.S.; FEDOROV, N.I.; PAVLOVA, N.F.; AYZENHERG, L.G.; PAYMOL'D, S.G.; LITVINOVA, K.I.; VASLYAYEV, G.P.; STETSENKO, Ye.Ya.; LITVINOVA, O.Yu.; USTINOVA, A.G.

> Improvement of the saturation process in the production of ammonium sulfate. Koks i khim. no.7:43-46 60. (MIRA 13:7)

- 1. Ukrainskiy uglekhimicheskiy institut (for Finkel').
  2. Yasinovskiy koksokhimicheskiy savod (for Vaslyayev).
- 3. Giprokoks (for Ustinova). (Ammonium sulfate)

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FILIPPOV, A. A.; FAYEGOLD, S. G.; AYZENBERG, L. G.;

Industrial mastering of the process of the production of polyacrylamide at the Yasinovka By-Product Coking Plant. Koks i khimno. 10:7-9 \*60. (MIRA 13:10)

1. Yasinovskiy koksokhimicheskiy zavod.
(Yasinovka—Acrylamide)

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FATHGOLID, S.G.; FILIFFOV, A.A.; ANAN'YEVA, V.I.

Experience in operating dephenolizing scrubbers without packing in the sone of contact with phenolates. Koks i khim. no.1:46-49 (61. (NIRA 14:1)

1. Yasinovskiy kbksokhimicheskiy savod. (Phenols) (Coke industry—By-products)

FILIPPOV, A.A.; FAYNOOL'D, S.G.; Prinimal's uchastiye: POPOVA, A.S.;

ZEN'KOVSKAYA, S.I.

Production of ammonium sulfate of impoved quality. Koks. i khim.
no. 3:42-44 '61. (MIRA 14:4)

1. Yasinovskiy koksokhimicheskiy savod.
(Ammonium sulfate)

KUZNETSOV, M.D.; FAYNGOL'D, S.G.; FILIPPOV, A.A.						
	Concerning Lie	notes.	Koks i khim	. no.3:6	, 162. (MTRA	15:3)
	1. Donetskiy ii 2. Yasinovskiy (Scrubber	ndustrial'nyy koksokhimiche (Chemical tec	institut (f skiy savod hnology))	or Kuzneta (for Fayn (Pheno:	10a).	
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FAYNGOL'D, S.G.; LEONOVA, N.A.

Determining nitrogen oxides in denitrated sulfuric acid. Kolm
1 khim. no.7:43-45 '63. (MIRA 16:8)

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1. Yasinovskiy koksokhimicheskiy zavod.
(Sulfuric acid) (Nitrogen oxides)

FAYNGOL'D, S.G.; LEONOVA, N.A.

New method for the denitration of sulfuric acid. Koks i khim. no.ll: 44-46 163. (MIRA 16:12)

1. Yasinovskiy koksokhimicheskiy zavod.

。1982年,1985年

# FAYNGOL'D, S., kand.tekhn.nauk

Production engineers and researchers. NTO 5 no.4:45-46 Ap 163. (MIRA 16:3)

l. Uchenyy sekretar¹ soveta pervichnoy organizatsii nauchno-tekhnicheskogo obshchestva Yasinovskogo koksokhimicheskogo zavoda. (Yasinovka—Coke industry)

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FAYNGOL'D, Samuil Isaakovich; TSYSKOVSKIY, V.K., nauchn. red.;

SEGAL', Z.G., ved. red.

[Synthetic cleaning compounds from petroleum and shale stock]

Sinteticheskie moiushchie sredstva iz neftianogo i slantsevogo syr'ia. Leningrad, Nedra, 1964. 286 p. (MIRA 17:5)